

SON-1159/REISSUE

REISSUE APPLICATION

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Reissue Application for )  
)  
U.S. Patent No. 6,016,028 issued January 18, 2000 )  
)  
Inventors: YUKINOBU IGUCHI ET AL. )  
) Attn: Applications Branch  
Reissue No. (Unassigned) )  
)  
Title: GLASS BULB FOR COLOR PICTURE )  
TUBE AND THE SAME TUBE )

**REISSUE APPLICATION DECLARATION BY THE INVENTORS**

Assistant Commissioner for Patents  
Box REISSUE  
Washington, D.C. 20231

Sir:

As a below named inventor, I hereby declare that:

1. My residence, mailing address and citizenship are stated below next to my name.
2. I believe I am an original, first and joint inventor of the subject matter which is described and claimed in U.S. Patent No. 6,016,028, granted January 18, 2000, and for which a reissue patent is sought on the invention entitled "GLASS BULB FOR COLOR PICTURE TUBE AND THE SAME TUBE," the specification and claims of which are attached hereto.
3. I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by the Preliminary Amendment being filed herewith.
4. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

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5. I hereby claim foreign priority benefits under 35 U.S.C. 119 of Japanese Patent Application No. P08-241364 filed on August 23, 1996. I further state that no foreign applications for patent or inventor's certificate were filed having a filing date before that of the above-identified application on which priority is claimed.

6. I verily believe the original patent to be partly inoperative or invalid by reason of a defective specification, and by reason of the patentee claiming more or less than he had the right to claim in the patent.

7. At least one error upon which reissue is based is described as follows: Claims 1 to 4, 6, 7 and 9 of the '028 patent each recites the phrase "color selection mechanism." The description of the invention in the specification does not include the phrase "color selection mechanism." Instead, the specification describes a "color selection mask 20." As a result, the specification may be defective under 35 U.S.C. 112 and/or 37 C.F.R. 1.75(d) for failing to provide antecedent basis for each term or phrase used in the claims, which may render the patent at least partly inoperative or invalid. The specification should be amended in the paragraph starting at column 4, line 17, as shown in the Preliminary Amendment accompanying this reissue application, to correct this error.

8. Another error upon which reissue is based is described as follows: Claims 6 and 9 of the '028 patent recite, among other things, that the color selection mechanism is formed of a plurality of "fine metal leads." The description of the invention in the specification does not include the phrase "fine metal leads." As a result, the specification may be defective under 35

U.S.C. 112 and/or 37 C.F.R. 1.75(d) for failing to provide antecedent basis for each term or phrase used in the claims, which may render the patent at least partly inoperative or invalid. The specification should be amended in the paragraph starting at column 4, line 62, as shown in the Preliminary Amendment accompanying this reissue application, to correct this error.

9. Another error upon which reissue is based is described as follows: The claims in the '028 patent are narrower than what was required to patentably distinguish the Applicants' invention from the prior art. Specifically, the limitation of "a peripheral area in the horizontal direction of the effective display area of the face plate is thicker than a center of the effective display area," as recited in claim 1, was not necessary to distinguish the Applicants' invention from the prior art. As a result, the Applicants claimed less than they had a right to claim in the '028 patent. To correct this and other perceived errors in the claims, new claims 10 to 16 have been added to claim additional subject matter to which the Applicants are believed to be entitled. Claims 10 to 16 are broader in some aspects, and narrower in some aspects, as compared to the issued claims 1 to 9 of the '028 patent.

10. This reissue application also includes certain amendments to correct typographical and grammatical errors of a minor nature in the '028 patent. These amendments include: in column 4, line 58, "refere" has been changed to --refer--; and in the third line of each of claims 6 and 9, "metal fine leads" has been changed to --fine metal leads--.

11. All errors which are being corrected in this reissue application up to the time of filing this declaration arose without any deceptive intention on the part of the applicants.

Docket No. SON-1159/REISSUE  
Serial No. (Unassigned)

REISSUE APPLICATION

12. As a named inventor, I hereby appoint the following attorneys and agents to prosecute this application and transact all business in the U.S. Patent & Trademark Office connected therewith:

Ronald P. Kananen	24,104	Richard D. Grauer	22,388
Ralph T. Rader	28,772	Michael D. Fishman	31,951
Joseph V. Coppola, Sr.	33,373	Michael B. Stewart	36,018
Eugene G. Byrd	47,361	Alexander D. Rabinovich	37,425
Kristin L. Murphy	41,212	Kevin D. Rutherford	40,412
David K. Benson	42,314	Glenn E. Forbis	40,610
Robert S. Green	41,800	Matthew J. Russo	41,282
Brian K. Dutton	47,255	Anna M. Shih	36,372
Jeffrey L. Thompson	37,025		

13. All communications about this application should be directed to:

**Ronald P. Kananen, Esq.**  
RADER, FISHMAN & GRAUER PLLC  
1233 20th Street, N.W., Suite 501  
Washington, D.C. 20036  
Telephone: (202) 955-3750  
Facsimile: (202) 955-3751  
Customer No. 23353

14. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Docket No. SON-1159/REISSUE  
Serial No. (Unassigned)

REISSUE APPLICATION

Signature: Yukinobu Iguchi  
Name: Yukinobu Iguchi  
Residence: Kanagawa, Japan  
Mailing Address: c/o Sony Corporation  
7-35, Kitashinagawa 6-Chome  
Shinagawa-Ku, Tokyo, Japan  
Citizenship: Japanese

Date: Jan. 17, 2002

Signature: Ichiro Utsumi  
Name: Ichiro Utsumi  
Residence: Kanagawa, Japan  
Mailing Address: c/o Sony Corporation  
7-35, Kitashinagawa 6-Chome  
Shinagawa-Ku, Tokyo, Japan  
Citizenship: Japanese

Date: Jan. 18, 2002

Signature: Koji Saita  
Name: Koji Saita  
Residence: Kanagawa, Japan  
Mailing Address: c/o Sony Corporation  
7-35, Kitashinagawa 6-Chome  
Shinagawa-Ku, Tokyo, Japan  
Citizenship: Japanese

Date: Jan. 17, 2002

SON-1159/REISSUE

REISSUE APPLICATION

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Reissue Application for )  
)  
U.S. Patent No. 6,016,028 issued January 18, 2000 )  
)  
Inventors: YUKINOBU IGUCHI ET AL. )  
) Attn: Applications Branch  
Reissue No. (Unassigned) )  
)  
Title: GLASS BULB FOR COLOR PICTURE )  
TUBE AND THE SAME TUBE )

**CONSENT OF ASSIGNEE AND  
OFFER TO SURRENDER PATENT**

Assistant Commissioner for Patents  
Box REISSUE  
Washington, D.C. 20231

Sir:

This is part of the application for a reissue patent based on the original patent issued to Yukinobu Iguchi et al. on January 18, 2000, as U.S. Patent No. 6,016,028, for an invention titled "GLASS BULB FOR COLOR PICTURE TUBE AND THE SAME TUBE."

Sony Corporation of Tokyo, Japan, is the assignee of the entire interest in the original patent. A certificate under 37 CFR 3.73(b) is attached.

The undersigned is authorized to act on behalf of the assignee, and hereby offers to surrender the original patent.

The undersigned, on behalf of the assignee, also consents to the filing of the present application for the reissue of U.S. Patent No. 6,016,028.

Docket No. SON-1159/REISSUE  
Serial No. (Unassigned)

REISSUE APPLICATION

The undersigned hereby declares that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

SONY CORPORATION

Date: January 17, 2002

By: Keisuke Tanaka  
Name: Keisuke Tanaka  
Title: Manager, Intellectual Property Div.

SON-1159/REISSUE

REISSUE APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Reissue Application for )  
U.S. Patent No. 6,016,028 issued January 18, 2000 )  
Inventors: YUKINOBU IGUCHI ET AL. )  
Reissue No. (Unassigned) ) Attn: Applications Branch  
Title: GLASS BULB FOR COLOR PICTURE )  
TUBE AND THE SAME TUBE )

STATEMENT UNDER 37 CFR 3.73(b)

Assistant Commissioner for Patents  
Box REISSUE  
Washington, D.C. 20231

Sir:

Sony Corporation, a corporation of Tokyo, Japan, states that it is the assignee of the entire right, title, and interest in U.S. Patent No. 6,016,028, which issued on January 18, 2000, for an invention titled "GLASS BULB FOR COLOR PICTURE TUBE AND THE SAME TUBE."

Sony Corporation is the assignee of said patent by virtue of an assignment from the inventors of the patent, which was recorded in the U.S. Patent & Trademark Office at Reel 8927, Frame 0141. A copy of the assignment is attached.

The undersigned, whose title is supplied below, is empowered to sign this statement on behalf of the assignee.

SONY CORPORATION

Date: January 17, 2002

By: Keisuke Tanaka  
Name: Keisuke Tanaka  
Title: Manager, Intellectual Property Div.

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UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

MARCH 16, 1998

PTAS

RADER, FISHMAN & GRAUER  
RONALD P. KANANEN, ESQ.  
SUITE 501  
1233 20TH STREET, NW  
WASHINGTON, DC 20036



\*100626842A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/20/1998

REEL/FRAME: 8927/0141  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

IGUCHI, YUKINOBU

DOC DATE: 01/12/1998

ASSIGNOR:

UTSUMI, ICHIRO

DOC DATE: 01/12/1998

ASSIGNOR:

SAITA, KOJI

DOC DATE: 01/12/1998

ASSIGNEE:

SONY CORPORATION  
7-35 KITASHINAGAWA 6-CHOME, SHINAGAWA-KU  
TOKYO, JAPAN

SERIAL NUMBER: 08914118

FILING DATE: 08/19/1997

PATENT NUMBER:

ISSUE DATE:

doctete

MRO

02-06-1998

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

01/20/98

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1-20-98



100626842

1 documents or copy thereof.

Honorable Commissioner of Patents and Trademarks

1. Name of conveying party(ies)  
Fukunobu IGUCHI 2) Ichiro UTSUMI 3) Koji SAITA

Additional name(s) of conveying party(ies) attached No

2. Name and address of receiving party(ies)

Name: **SONY CORPORATION**

Internal Address:

Street Address: **7-35 Kitashinagawa 6-Chome,  
Shinagawa-Ku**

City: **Tokyo** State: **Japan** Zip:

Additional name(s) & address(es) attached No

3. Nature of conveyance:

☒ Assignment

Merger

☐ Security Agreement

Change of Name

Other

Execution Date: **January 12, 1998**

4. Application number(s) or patent number(s): **08/914,118**

If the document is being filed together with a new application, the execution date of the application is

Additional numbers attached No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Ronald P. Kananen, Esq.**

Internal Address: **RADER, FISHMAN & GRAUER  
Suite 501**

Street Address: **1233 20<sup>th</sup> Street, NW**

City: **Washington, D.C.**

Zip: **20036**

6. Total number of applications and patents involved:..... **1**

7. Total fee (37 CFR 3.41)..... **\$ 40.00**

Enclosed

☒ Authorized to be charged to Deposit Account

8. Deposit account number:

**18-0013**

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

**Ronald P. Kananen**  
Name of Person Signing

Signature

**January 20, 1998**

Date

Total number of pages comprising cover sheet

ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in  
GLASS BULB FOR COLOR PICTURE TUBE AND THE SAME TUBE

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 7-35 Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo, Japan, (hereinafter referenced as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: 08/914,118, Filing Date: 08/19/97.

This assignment executed on the dates indicated below.

YUKINOBU IGUCHI

Name of first or sole inventor

Execution date of U.S. Patent Application

Kanagawa, Japan

Residence of first or sole inventor

Yukinobu Iguchi

January 12, 1998

Signature of first or sole inventor

Date of this assignment

N 97725

Docket Number: SON-1159

ICHIRO UTSUMI

Name of second joint inventor \_\_\_\_\_ Execution date of U.S. Patent Application \_\_\_\_\_  
 Kanagawa, Japan  
 Residence of second joint inventor \_\_\_\_\_  
*I. Utsumi* \_\_\_\_\_ *January 12, 1998*  
 Signature of second joint inventor \_\_\_\_\_ Date of this assignment \_\_\_\_\_

KOJI SAITA

Name of third joint inventor \_\_\_\_\_ Execution date of U.S. Patent Application \_\_\_\_\_  
 Kanagawa, Japan  
 Residence of third joint inventor \_\_\_\_\_  
*Koji Saita* \_\_\_\_\_ *January 12, 1998*  
 Signature of third joint inventor \_\_\_\_\_ Date of this assignment \_\_\_\_\_

Name of fourth joint inventor \_\_\_\_\_ Execution date of U.S. Patent Application \_\_\_\_\_  
 Residence of fourth joint inventor \_\_\_\_\_  
 Signature of fourth joint inventor \_\_\_\_\_ Date of this assignment \_\_\_\_\_

Name of fifth joint inventor \_\_\_\_\_ Execution date of U.S. Patent Application \_\_\_\_\_  
 Residence of fifth joint inventor \_\_\_\_\_  
 Signature of fifth joint inventor \_\_\_\_\_ Date of this assignment \_\_\_\_\_

Name of sixth joint inventor \_\_\_\_\_ Execution date of U.S. Patent Application \_\_\_\_\_  
 Residence of sixth joint inventor \_\_\_\_\_  
 Signature of sixth joint inventor \_\_\_\_\_ Date of this assignment \_\_\_\_\_

10050537.01B02